

1636

PTO/SB/21 (08-00)

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	Applicati n Numb r	10/085,418
	Filing Date	02/28/2002
	First Named Inventor	LOWE et al
	Group Art Unit	1636
	Examiner Name	TBA
Total Number of Pages in This Submission 11		Attorney Docket Number 5022USCNT

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks 150 reference documents; postcard receipt; PTO Form 1449; International Search Report		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Michael E. Yates, Registration No. 36,063
Signature	
Date	01/13/2004

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313 on this date: January 13, 2004

Typed or printed name	Susan D. Holder		
Signature		Date	01/13/2004

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

LOWE et al

Appl. No. 10/085,418

Filed: February 28, 2002

For: GENE SILENCING

Art Unit: 1636

Examiner: TBA

Atty Docket: 50223USCNT

Confirmation No.: 8386

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure imposed by 37 C.F.R. § 1.56 to inform the Patent and Trademark Office of all references coming to the attention of each individual associated with the filing or prosecution of the subject application, which are or may be material to the patentability of any claim of the application, Attorneys for Applicants hereby direct the Examiner's attention the attached Forms PTO-1449. Photocopies of these references are enclosed.

Identification of the listed references is not to be construed an admission of Applicants or Attorneys for Applicants that such references are available as "prior art" against the subject application.

Applicants respectfully request that the Examiner review the foregoing references and that the references be made of record in the file history of the application.

Also submitted herewith, is a copy of the International Search Report.

Applicants respectfully point out to the Examiner that the corresponding application has been allowed in Australia, and is currently being opposed. A copy of the patent as allowed (AU 747872) is included as reference AL. The copies of the Notices of Opposition are included as references EJ and EK, and the Statements of Grounds and Particulars are references FT and FU filed on behalf of Benitec Australia Ltd. and CSIRO, respectively. The references cited in the Statements of Grounds and Particulars are listed on the present 1449.

The corresponding European patent application has also been recently allowed and a copy of the allowed application (EP 0983370B1) is provided as reference AO. To date, no oppositions have been filed. We will inform the Examiner in the future if any oppositions are filed.

Also, the 1449 includes references FR and FS that are electronic mail messages about efforts to duplicate the method.

In accordance with 37 CFR §1.97(b)(3), no fee is believed to be required for consideration of this statement because it is being submitted before the mailing date of a first Office Action on the merits. If a fee is deemed to be required, the Commissioner is hereby authorized to charge such fee to Deposit Account No. 50-1744 of Syngenta Biotechnology Inc.

Respectfully submitted,



Mary Kakefuda
Attorney for Applicant
Registration No. 39,245
Telephone: 919-765-5071

Syngenta Biotechnology, Inc.
P. O. Box 12257
Research Triangle Park, NC 27709-2257
Date: January 9, 2004

FORM PTO-1449
(REV. 7-85)U.S. DEPARTMENT OF COMMERCE
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LOWE
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(Use several sheets if necessary)

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA	5,034,323	7/23/1991	Jorgansen and Napoli	435/172.3	800/205	3/30/1989
	AB	5,190,931	3/2/1993	Masayori, Inouye	435/91	435/240.2	3/2/1993
	AC	5,231,020	7/27/1993	Jorgensen and Napoli	435/172.3	435/320.1	3/29/1990
	AD	5,283,184	2/1/1994	Jorgensen and Napoli	435/172.3	800/205	4/17/1991
	AE	5,365,015	11/15/1994	Grierson et al	800/205	435/172.3	7/12/1990
	AF	5,530,192	6/25/1996	Murase et al	800/205	800/DIG. 69	1/28/1997
	AG	5,597,718	1/28/1997	John et al	800/263	435/69.1	9/20/1995
	AH	5,850,026	12/15/1998	DeBonte and Hitz	800/281	800/278	7/3/1996
	AI	5,939,600	8/17/1999	Goldbach et al	800/205	435/69.1	9/16/1996
	AJ	5,952,546	9/14/1999	Bedbrook et al	800/298	435/320.1	6/27/1996
	AK	6,150,585	11/21/2000	Goldbach et al	800/205	800/250	11/26/1996

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO	
	AL	AU 747872	12/11/1998	AU	C12 15/63	C12 15/82	<input type="checkbox"/>	<input type="checkbox"/>
	AM	AU 20891/97	10/1/1997	AU	C12N 15/53	C12N 15/82	<input type="checkbox"/>	<input type="checkbox"/>
	AN	EP 0467349	1/22/1992	EP	C12N 1/21	C12N 15/63	<input type="checkbox"/>	<input type="checkbox"/>
	AO	EP 0983 370	9/17/2003	EP	C12N 15/63	C12N 15/82	<input type="checkbox"/>	<input type="checkbox"/>
	AP	EP 223399	5/27/1987	EP	C12N 15/00		<input type="checkbox"/>	<input type="checkbox"/>
	AQ	EP 240208	10/7/1997	EP	C12N 15/00	A01H 1/00	<input type="checkbox"/>	<input type="checkbox"/>
	AR	EP 426195	5/8/1991	EP	C12N 15/40	C12N 15/82	<input type="checkbox"/>	<input type="checkbox"/>
	AS	EP 458367	11/27/1991	EP	C12N 15/82	C12N 15/74	<input type="checkbox"/>	<input type="checkbox"/>
	AT	EP 522880	1/13/1993	EP	C12N 15/55	C12N 15/82	<input type="checkbox"/>	<input type="checkbox"/>
	AU	EP 647715	4/12/1995	EP	C12N 15/82	A01H 5/00	<input type="checkbox"/>	<input type="checkbox"/>
	AV	EP 779364	6/18/1997	EP	C12N 15/82	C12N 15/29	<input type="checkbox"/>	<input type="checkbox"/>
	AW	WO 00/01846	1/13/2000	WIPO	C12Q 1/68		<input type="checkbox"/>	<input type="checkbox"/>
	AX	WO 89/10396	11/2/1989	WIPO	C12N 5/00	C12N 15/00	<input type="checkbox"/>	<input type="checkbox"/>
	AY	WO 90/14090	11/29/1990	WIPO	A61K 31/70	C07H 19/067	<input type="checkbox"/>	<input type="checkbox"/>
	AZ	WO 91/02069	2/21/1991	WIPO	C12N 15/82	C12N 5/10	<input type="checkbox"/>	<input type="checkbox"/>
	BA	WO 91/16440	10/31/1991	WIPO	C12N 15/82	C12N 15/56	<input type="checkbox"/>	<input type="checkbox"/>
	BB	WO 92/04456	3/19/1992	WIPO	C12P 1/00	C12N 5/04	<input type="checkbox"/>	<input type="checkbox"/>
	BC	WO 92/11375	9/9/1992	WIPO	C12N 15/56	C12N 9/44	<input type="checkbox"/>	<input type="checkbox"/>

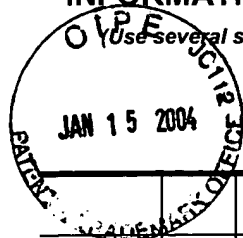
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*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

FORM PTO-1449
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		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	BD	WO 92/11376	9/9/1992	WIPO	C12N 15/56	C12N 9/42	<input type="checkbox"/>	<input type="checkbox"/>
	BE	WO 92/13070	8/6/1992	WIPO	C12N 15/00	C12N 15/10	<input type="checkbox"/>	<input type="checkbox"/>
	BF	WO 92/17596	10/15/1992	WIPO	C12N 15/82	C12N 15/29	<input type="checkbox"/>	<input type="checkbox"/>
	BG	WO 92/18625	10/29/1992	WIPO	C12N 15/11	C12N 15/29	<input type="checkbox"/>	<input type="checkbox"/>
	BH	WO 92/21757	12/10/1992	WIPO	A01H 5/00	A01N 65/00	<input type="checkbox"/>	<input type="checkbox"/>
	BI	WO 93/05159	3/18/1993	WIPO	A01H 5/00	C12N 15/53	<input type="checkbox"/>	<input type="checkbox"/>
	BJ	WO 93/10251	5/27/1993	WIPO	A01H 5/00	C12N 15/82	<input type="checkbox"/>	<input type="checkbox"/>
	BK	WO 93/23551	11/25/1993	WIPO	C12N 15/82	C12N 15/11	<input type="checkbox"/>	<input type="checkbox"/>
	BL	WO 94/01550	1/20/1994	WIPO	C12N 15/11	C07H 21/00	<input type="checkbox"/>	<input type="checkbox"/>
	BM	WO 94/09143	4/29/1994	WIPO	C12N 15/82	C12N 15/11	<input type="checkbox"/>	<input type="checkbox"/>
	BN	WO 94/17176	8/4/1994	WIPO	C12N 5/00	C12N 15/00	<input type="checkbox"/>	<input type="checkbox"/>
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	BU	WO 97/13865	4/17/1997	WIPO	C12N 15/82	C12N 15/56	<input type="checkbox"/>	<input type="checkbox"/>
	BV	WO 97/16559	5/9/1997	WIPO	C12N 15/82	C12N 15/54	<input type="checkbox"/>	<input type="checkbox"/>
	BW	WO 98/05770	2/12/1998	WIPO	C12N 15/11	C12N 15/55	<input type="checkbox"/>	<input type="checkbox"/>
	BX	WO 98/53083	11/26/1998	WIPO	C12N 15/63	C12N 15/82	<input type="checkbox"/>	<input type="checkbox"/>
	BY	WO 99/15682	4/1/1999	WIPO	C12N 15/82	A01H 3/00	<input type="checkbox"/>	<input type="checkbox"/>
	BZ	WO 99/32619	7/1/1999	WIPO	C12N 15/11	C12N 15/63	<input type="checkbox"/>	<input type="checkbox"/>
	CA	WO 99/49029	9/30/1999	WIPO	C12N 15/11		<input type="checkbox"/>	<input type="checkbox"/>
	CB	WO 99/53050	10/21/1999	WIPO	C12N 15/11	A01H 3/00	<input type="checkbox"/>	<input type="checkbox"/>
	CC	WO 99/61631	12/2/1999	WIPO	C12N 15/63	C12N 15/82	<input type="checkbox"/>	<input type="checkbox"/>
	CD	WO 99/61632	12/2/1999	WIPO	C12N 15/63	C12N 15/67	<input type="checkbox"/>	<input type="checkbox"/>
	CE	WO94/17176	4/8/1994	WIPO	C12N 5/00	C12N 15/00	<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

CF	Assad et al, <i>Epigenetic repeat-induced gene silencing (RIGS) in Arabidopsis</i> <i>Plant Molecular Biology</i> , Vol. 22, No. 6 (1993) pp. 1067-1085
CH	Barry et al., Methylation induced premeiotically in <i>Ascomobolus</i> : coextension with DNA repeat lengths and effect on transcript elongation. <i>Proceedings of the National Academy of Sciences, USA</i> Vol. 90: (1993) pp.4557-4561.

EXAMINER

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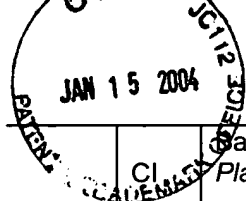
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CI	Gaulcomb et al., Mechanisms of pathogen-derived resistance to viruses in transgenic plants. <i>Plant Cell</i> Vol. 8: (1996) pp. 1833-1844.
CJ	Bevec et al, <i>Constitutive Expression of Chimeric Neo-Rev Response Element Transcripts Suppresses HIV-1 Replication in Human CD4⁺ T Lymphocytes</i> <i>Human Gene Therapy</i> , Vol. 5 (1994), p. 193-201
CK	Blomberg et al, <i>Control of replication of plasmid R1: the duplex between the antisense RNA, CopA, and its target, CopT, is processed specifically in vivo and in vitro by RNase III</i> <i>The European Molecular Biology Organization</i> , Vol. 9, No. 7, (1990) pp. 2331-2340
CL	Blume et al, <i>Identification of transposon-like elements in non-coding regions of tomato ACC oxidase genes</i> <i>Molecular and General Genetics</i> , Vol. 254 (3) (April 16, 1997), pp. 297-303
CM	Brantl, S. and Behnke, D., <i>Copy number control of the streptococcal plasmid pIP501 occurs at three levels</i> <i>Nucleic Acids Research</i> , Vol. 20, No. 3 (1992) pp. 395-400
CN	Braun and Hemenway, <i>Expression of amino-terminal portions or full-length viral replicase genes in transgenic plants confers resistance to potato virus X infection</i> <i>Plant Cell</i> Vol. 4 (1992) pp. 735-744.
CO	Brederode et al, <i>Replicase-mediated resistance to alfalfa mosaic virus</i> <i>Virology</i> Vol. 207 (1995) pp. 467-474.
CP	Cameron, F. and Jennings, P., <i>Specific gene suppression by engineered ribozymes in monkey cells</i> <i>Proceedings of the National Academy of Sciences, USA</i> , Vol. 86 (December 1989), pp. 9139-9143
CQ	Cameron, F.H. and Jennings, P.A., <i>Inhibition of gene expression by a short sense fragment</i> <i>Nucleic Acids Research</i> , Vol. 19, No. 3 (1991), pp. 469-475
CR	Carr et al <i>Resistance to tobacco mosaic virus induced by the 54-kDa gene sequence requires expression of the 54-kDa protein</i> <i>Molecular Plant-microbe interactions</i> Vol. 5 (1992) pp. 397-404.
CS	Chuah et al, <i>Inhibition of Human Immunodeficiency Virus Type-1 by Retroviral Vectors Expressing Antisense-TAR</i> <i>Human Gene Therapy</i> , Vol. 5 (December 1994), pp. 1467-1475
CT	Citron, M. and Schuster, H., <i>The c4 Repressors of Bacteriophages P1 and P7 Are Antisense RNAs</i> <i>Cell</i> , Vol. 62 (August 10, 1990), pp. 591-598
CU	Dale et al. <i>Intra- and intermolecular site-specific recombination in plant cells mediated by bacteriophage P1 recombinase</i> <i>Gene</i> Vol. 91: (1990) pp. 79-85
CV	de Carvalho Niebel et al. <i>Post-transcriptional cosuppression of 1,3-glucanase genes does not affect accumulation of transgene nuclear mRNA</i> <i>Plant Cell</i> Vol. 7: (1995) pp. 347-358
CW	Denoya et al, <i>Translational Autoregulation of ermC 23S rRNA Methyltransferase Expression in Bacillus subtilis</i> <i>Journal of Bacteriology</i> , Vol. 168, No. 3 (December 1986), pp. 1133-1141
CX	Dorer et al, <i>Transgene repeat arrays interact with distant heterochromatin and cause silencing in cis and trans.</i> <i>Genetics</i> 147: (1997) pp. 1181-1190.

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		Dorer, D.R. and Henikoff, S., <i>Expansions of Transgene Repeats Cause Heterochromatin Formation and Gene Silencing in Drosophila</i> <i>Cell</i> , Vol. 77 (July 1, 1994), pp. 993-1002
	CZ	English et al, <i>Suppression of virus accumulation in transgenic plants exhibiting silencing of nuclear genes</i> <i>Plant Cell</i> Vol. 8: (1996) pp. 179-188
	DA	Fire et al, <i>Production of antisense RNA leads to effective and specific inhibition of gene expression in C. elegans muscle</i> <i>Development</i> , Vol. 113 (1991), pp. 503-514
	DB	Fire et al, <i>Potent and specific genetic interference by double-stranded RNA in Caenorhabditis elegans</i> <i>Nature</i> Vol. 391: (1998) pp. 806-811
	DC	Gervais et al, <i>Multigene Antiviral Vectors Inhibit Diverse Human Immunodeficiency Virus Type 1 Clades</i> <i>Journal of Virology</i> , Vol. 71, No. 4 (April 1997), pp. 3048-3053
	DD	Goodwin et al <i>Genetic and biochemical dissection of transgenic RNA-mediated virus resistance</i> <i>Plant Cell</i> 8: (1996) 95-105.
	DE	Grierson, D, <i>Silent genes and everlasting fruits and vegetables</i> <i>Nature Biotechnology</i> , Vol. 14(7) (1996) pp. 828-829
	DF	Hama et al, <i>Organization of the Replication Control Region of Plasmid Collb-P9</i> <i>Journal of Bacteriology</i> , Vol. 172, No. 4 (April 1990), pp. 1983-1991
	DG	Hamilton et al, <i>Antisense gene that inhibits synthesis of the hormone ethylene in transgenic plants</i> <i>Nature</i> , Vol. 346 (July 19, 1990), pp. 284-287
	DH	Hamilton et al, "Post-transcriptional gene-silencing in tomato Mechanisms and Applications of Gene Silencing," 57 th Easter School Meeting date 1995, pps. 105-117; Ed: Grierson et al (Nottingham University Press, Nottingham, UK 1996)
	DI	Hamilton, et al, <i>A transgene with repeated DNA causes high frequency, post-transcriptional suppression of ACC-oxidase gene expression in tomato</i> <i>The Plant Journal</i> , Vol. 15 (6) (1998), pp. 737-746
	DJ	Hobbs et al <i>The effect of T-DNA copy number, position and methylation on reporter gene expression in tobacco transformants</i> <i>Plant Molecular Biology</i> Vol. 15: (1990) pp. 851-864
	DK	Ingelbrecht et al, <i>Posttranscriptional silencing of reporter transgenes in tobacco corrects with DNA methylation</i> <i>Proceedings of the National Academy of Sciences, USA</i> Vol. 91: (October, 1994) pp. 10502-10506
	DL	Jorgensen et al, <i>Do unintended antisense transcripts contribute to sense co-suppression in plants?</i> <i>Trends in Genetics</i> Vol. 15, No. 1 (January, 1999) pp. 11-12
	DM	Kawcheck et al <i>Sense and antisense RNA-mediated resistance to potato leafroll virus in russet burbank potato plants</i> <i>Molecular Plant-microbe Interactions</i> Vol. 4, No. 3, (1991) pp. 247-253

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DN	Kubo, M. and Imanaka, T., <i>mRNA Secondary Structure in an Open Reading Frame Reduces Translation Efficiency in Bacillus subtilis subtilis</i> <i>Journal of Bacteriology</i> , Vol. 171, No. 7 (July 1989), pp. 4080-4082
DO	Kumagai et al, <i>Cytoplasmic inhibition of carotenoid biosynthesis with virus-derived RNA</i> <i>Proceedings of the National Academy of Sciences, USA</i> Vol. 92: (1995) pp. 1679-1683
DP	Lee et al, <i>Inhibition of Human Immunodeficiency Virus Type 1 in Human T Cells by a Potent Rev Response Element Decoy Consisting of the 13-Nucleotide Minimal Rev-Binding Domain</i> <i>Journal of Virology</i> , Vol. 68, No. 12 (December 1994), pp. 8254-8264
DQ	Leech, et al, <i>Expression of myb-related genes in the moss, Physcomitrella patens</i> <i>The Plant Journal</i> , Vol. 3(1) (1993), pp. 51-61
DR	Lindbo and Dougherty, <i>Pathogen-derived resistance to a potyvirus: immune and resistant phenotypes in transgenic tobacco expressing altered forms of a Potyvirus coat protein nucleotide sequence</i> <i>Molecular Plant-Microbe Interactions</i> Vol. 5, No. 2 (1992) pp. 144-153.
DS	Lindbo and Dougherty, <i>Untranslatable transcripts of the tobacco etch virus coat protein gene sequence can interfere with tobacco etch virus replication in transgenic plants and protoplasts</i> <i>Virology</i> Vol. 189: (1992) pp. 725-733.
DT	Lindbo et al, <i>Induction of a highly specific antiviral state in transgenic plants: implications for regulation of gene expression and virus resistance</i> <i>Plant Cell</i> Vol. 5, (1993) pp. 1749-1759
DU	Lisiewicz et al, <i>Tat-Regulated Production of Multimerized TAR RNA Inhibits HIV-1 Gene Expression</i> <i>The New Biologist</i> , Vol. 3, No. 1 (January 1991), pp. 82-89
DV	Lisiewicz, et al, <i>Inhibition of human immunodeficiency virus type 1 replication by regulated expression of a polymeric Tat activation response RNA decoy as a strategy for gene therapy in AIDS</i> <i>Proceedings of the National Academy of Sciences, USA</i> , Vol. 90 (September 1993), pp. 8000-8004
DW	Lo et al, <i>Inhibition of Replication of HIV-1 by Retroviral Vectors Expressing tat-Antisense and Anti-tat Ribozyme RNA</i> <i>Virology</i> , Vol. 190 (1992), pp. 176-183
DX	Longstaff et al, <i>Extreme resistance to potato virus X infection in plants expressing a modified component of the putative viral replicase</i> <i>European Molecular Biology Organization Journal</i> Vol. 12, No. 2 (1993) pp. 379-386.
DY	Lovett, P.S., <i>Translational Attenuation as the Regulator of Inducible cat Genes</i> <i>Journal of Bacteriology</i> , Vol. 172, No. 1 (January 1990), pp. 1-6
DZ	Marathe and Marton, <i>Cis-repeat induced gene silencing in Tobacco</i> <i>In Vitro Cellular and Developmental Biology</i> , Vol.33, no. 3, Part II, Abstract P-1041, March 1997.
EA	Marathe and Rajendra, "Cis-repeat induced gene silencing in tobacco," Ph.D. Thesis, Department of Biological Sciences, University of South Carolina, Fall 1997.
EB	Matzke and Matzke, <i>How and why do plants inactivate homologous (Trans)genes?</i> <i>Plant Physiology</i> Vol. 107: (1995) pp. 679-685.
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		Memelink et al, <i>Structure and regulation of tobacco extensin</i> <i>The Plant Journal</i> Vol. 4 (6), (1993) pp. 1011-1022
	EE	Metzlaff et al, <i>RNA-Mediated RNA degradation and chalcone synthase A silencing in Petunia</i> <i>Cell</i> Vol. 88 (March 21, 1997) pp. 845-854.
	EF	Montgomery and Fire, <i>RNA as a target of double-stranded RNA-mediated genetic interference in Caenorhabditis elegans</i> <i>Proceedings of the National Academy of Sciences. USA</i> Vol. 95: (1998a) pp. 15502-07
	EG	Montgomery and Fire, <i>Double-stranded RNA as a mediator in sequence-specific genetic silencing and co-suppression</i> <i>Trends in Genetics</i> Vol. 14, No. 7 (1998) pp. 255-258.
	EH	Mueller et al., <i>Homology-dependent resistance: transgenic virus resistance in plants related to homology-dependent gene silencing</i> <i>Plant Journal</i> Vol. 7, No. 6 (1995) pp. 1001-1003.
	EI	Nellen, W. and Lichtenstein C., <i>What makes an mRNA anti-sense-itive?</i> <i>Trends in Biochemical Sciences</i> , Vol. 18 (November 1993), pp. 419-423
	EJ	Notice of Opposition of Australian Patent Application #74442/98 (747872), by Commonwealth Scientific and Industrial Research Organization (CSIRO), August 23, 2002
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	EL	Pang et al, <i>Post-transcriptional transgene silencing and consequent tospovirus resistance in transgenic lettuce are affected by transgene dosage and plant development.</i> <i>Plant Journal</i> Vol. 9: (1996) pp. 899-909.
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	EP	Que et al, <i>Distinct patterns of pigment suppression are produced by allelic sense and antisense chalcone synthase transgenes in petunia flowers</i> <i>The Plant Journal</i> Vol. 13, No. 3 (1998) pp. 401-409
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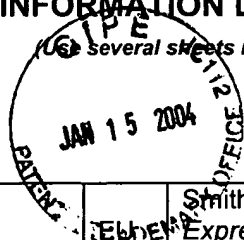
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	Smith et al. (1994). <i>Transgenic plant virus resistance mediated by untranslatable sense RNAs: Expression, regulation, and fate of nonessential RNAs</i> <i>Plant Cell</i> , Vol. 6: (1994) pp. 1441-1453.
EV	Stam et al, <i>Post-transcriptional silencing of chalcone synthase in Petunia by inverted transgene repeats</i> <i>The Plant Journal</i> , Vol. 12(1), (1997), pp. 63-82
EW	Stam et al, <i>The silence of Genes in Transgenic Plants</i> <i>Annals of Botany</i> Vol. 79: (1997) pp. 3-12
EX	Statement of Ground and Particulars filed by Benitec Australia Ltd. Opposing Australian Patent Application No. 747872, Dated November 22, 2002
EY	Statement of Grounds and Particulars by CSIRO opposing Australian Patent Application 747872, Dated November 25, 2002
EZ	Sullenger et al, <i>Analysis of trans-Acting Response Decoy RNA-Mediated Inhibition of Human Immunodeficiency Virus Type 1 Transactivation</i> <i>Journal of Virology</i> , Vol. 65, No. 12 (December 1991), pp. 6811-6816
FA	Sullenger et al, <i>Overexpression of TAR Sequences Renders Cells Resistant to Human Immunodeficiency Virus Replication</i> <i>Cell</i> , Vol. 63 (November 2, 1990), pp. 601-608
FB	Sun et al, <i>Resistance to human immunodeficiency virus type 1 infection conferred by transduction of human peripheral blood lymphocytes with ribozyme, antisense, or polymeric trans-activation response element constructs</i> <i>Proceedings of the National Academy of Sciences, USA</i> , Vol. 92 (August 1995), pp. 7272-7276
FC	Sun, et al, <i>Ribozyme-mediated suppression of Moloney murine leukemia virus and human immunodeficiency virus type I replication in permissive cell lines</i> <i>Proceedings of the National Academy of Sciences, USA</i> , Vol. 91 (October 1994), pp. 9715-9719
FD	Sun, et al, <i>Target sequence-specific inhibition of HIV-1 replication by ribozymes directed to tat RNA</i> <i>Nucleic Acids Research</i> , Vol. 23, No. 15 (1995), pp. 2909-2913
FE	Tabara et al, <i>RNAi in C. elegans: soaking in the genome sequence</i> <i>Science</i> Vol. 282: (1998) pp. 430-431
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FH	Thompson et al, <i>Improved accumulation and activity of ribozymes expressed from a tRNA-based RNA polymerase III promoter</i> <i>Nucleic Acids Research</i> , Vol. 23, No. 12 (1995), pp. 2259-2268
FI	Timmons and Fire, <i>Specific interference by ingested dsRNA</i> <i>Nature</i> , Vol. 395: (1998) pp. 854.
FJ	Vaucheret et al, <i>Inhibition of tobacco nitrite reductase activity by expression of antisense RNA</i> <i>The Plant Journal</i> , Vol. 2(4) (1992), pp. 559-569
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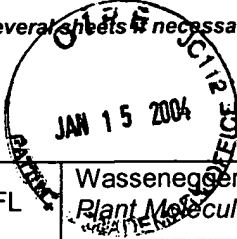
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